

[Docket No. C14-134438M/YAH]

scanning all frequency channels.

6. (Amended) The high-speed roaming method of a wireless LAN according to claim 1,  
wherein

A<sup>1</sup>  
Cont'd  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time.

Please add the following new claims:

7. (New) The high speed roaming method of a wireless LAN according to claim 2, wherein  
when said mobile terminal is connected to said access point having a best radio  
situation, said mobile terminal is connected subsequently to said access point having a second  
best radio situation.—

A<sup>2</sup>  
Cont'd  
8. (New) The high speed roaming method of a wireless LAN according to claim 3, wherein  
when said mobile terminal is connected to said access point having a best radio  
situation, said mobile terminal is connected subsequently to said access point having a second  
best radio situation.—

9. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein  
when said mobile terminal is not connected to all neighboring access points, said  
mobile terminal is connected to said access point having a good communication situation by  
scanning all frequency channels.

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→ 10. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein  
when said mobile terminal is not connected to all neighboring access points, said  
mobile terminal is connected to said access point having a good communication situation by  
scanning all frequency channels. →

→ 11. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein  
*A2  
cont.*  
when said mobile terminal is not connected to all neighboring access points, said  
mobile terminal is connected to said access point having a good communication situation by  
scanning all frequency channels. →

→ 12. (New) The high-speed roaming method of a wireless LAN according to claim 2, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time. →

→ 13. (New) The high-speed roaming method of a wireless LAN according to claim 3, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time. →

→ 14. (New) The high-speed roaming method of a wireless LAN according to claim 4, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the

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network at a rising time.—

—15. (New) The high-speed roaming method of a wireless LAN according to claim 5, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time.—

A 2<sup>nd</sup>  
Cont  
—16. (New) The high-speed roaming method of a wireless LAN according to claim 7, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time.—

—17. (New) The high-speed roaming method of a wireless LAN according to claim 8, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time.—

—18. (New) The high-speed roaming method of a wireless LAN according to claim 9, wherein  
said mobile terminal is connected to said access point having a best communication  
situation, by scanning all connectable access points out of said access points provided in the  
network at a rising time.—

—19. (New) The high-speed roaming method of a wireless LAN according to claim 10,

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wherein

    said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

A<sup>2</sup>  
C<sup>2</sup>nd

—20. (New) The high-speed roaming method of a wireless LAN according to claim 11,

wherein

    said mobile terminal is connected to said access point having a best communication situation, by scanning all connectable access points out of said access points provided in the network at a rising time.—

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